

DATE

SECRET

ROUTING	
1	9
2	10
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TO :
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	INIT	ACT	INFO
CHIEF			
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IN: 77160

HOLD

OSA 1-15 dB

TO

FILE 6733 wrap up

CITE

SECRET 010018Z CITE [] 2367

25X1A

PRIORITY []

OXCART

SUBJECT: EVALUATION OF BLACK SHIELD MISSION BX 6733

1. CAMERA TYPE I (115A), UNIT C WAS USED ON MISSION BX 6733. PROCESSING WAS ACCOMPLISHED IN THE FIELD. THE MISSION CONTAINS 1100 TITLED FRAMES.

2. BOTH CAMERAS OPERATED SATISFACTORILY THROUGHOUT THE MISSION. DURING STRAIGHT AND LEVEL FLIGHT, ESTIMATED GROUND RESOLUTIONS OF 18 INCHES (ONE BAR PLUS ONE SPACE) WAS OBTAINED ON IMAGERY NEAR THE VERTICAL PORTION OF THE FORWARD CAMERA FRAMES; THE AFT CAMERA FRAMES APPEARED COMPARABLE. FOR ANALYTICAL PURPOSES, STRAIGHT AND LEVEL FLIGHT OCCURS WHEN THE CAMERA IS UNCAGED AND THE VEHICLE IS WITHIN THE CAMERA STABILIZATION LIMITS IN ROLL AND PITCH.

3. EXPOSURE FOR BOTH CAMERAS WAS ADEQUATE EXCEPT FOR THE FIRST 40 FRAMES WHICH APPEAR TO BE ONE F/STOP UNDEREXPOSED.

4. EMULSION SCRATCHES ARE PRESENT IN FRAMES 127, 705, AND

SECRET

GROUP 1
EXCLUDED FROM AUTO-
MATIC DOWNGRADING
AND DECLASSIFICATION

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709. EMULSION LIFTS OCCUR INTERMITTENTLY THROUGHOUT THE MISSION. CHEMICAL STAINS ARE PRESENT BETWEEN FRAMES 75 AND 76 AND ALSO BETWEEN FRAMES 599 AND 600.

5. FRAME 307 OVERLAPS FRAME 310. ALSO FRAME 893 OVERLAPS FRAME 895 AND FRAME 901 OVERLAPS FRAME 904. THE DATA BLOCK IS MISSING FOR FRAME 66. THE CAMERA RECYCLED BETWEEN FRAMES 454 AND 488. THE TIMING MARKS RUN OFF THE FILM ON THE LEADING EDGE IN AFT CAMERA FRAMES INTERMITTENTLY THROUGHOUT THE MISSION. ALL HEAT SPLICES OCCURRED BETWEEN FRAMES.

6. PROGRAMMED V/H WAS USED FOR 95 PERCENT OF THE MISSION. SENSED V/H WAS USED FOR THE OTHER 5 PERCENT OF THE MISSION.

7. THE CORRELATION OF THE INS TAPE, FILM DATA BLOCK, AND IMAGERY IS SATISFACTORY. THE FILM CLOCK IS TWO SECONDS HIGH FOR THE ENTIRE MISSION.

8. CLOUDS OBSCURE APPROXIMATELY 60 PERCENT OF THE MISSION IS CLOUD COVERED.

9. THE ZERO PRIORITY REPRODUCTIONS AND REGULAR REPRODUCTIONS APPEAR TO BE OF EQUAL QUALITY.

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